Nuclear Instruments and Methods in Physics Research A268 (1988) 589–599
North-Holland, Amsterdam

AUTHOR INDEX

Abe, F., see Snider, F. A268 (1988) 75
Aitken, T.W., T. Joy and H.G. Price, A review of the first four years of operation of the Nuclear Structure Facility tandem at Daresbury Laboratory A268 (1988) 324
Aitken, T.W., A laddertron modulation system to correct a repetitive charging pattern A268 (1988) 422
Aitken, T.W. and T.R. Charlesworth, Performance of the buncher and chopper at the Daresbury Laboratory . . . A268 (1988) 482
Aitken, T.W., see Price, H.G. A268 (1988) 522
Alde, D., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Alekseev, G.D. and A.V. Korytov, Magnetic field influence on the self-quenching streamer discharge A268 (1988) 151
Alexander, J., see Price, H.G. A268 (1988) 522
Alton, G.D., see Jones, C.M. A268 (1988) 308
Alton, G.D. and J.W. McConnell, The emittances and brightnesses of high-intensity negative ion sources A268 (1988) 445
Arai, E., see Satoh, K. A268 (1988) 538
Arndt, P., see Renner, D. A268 (1988) 350
Arndt, P., D. Draht and M. Teichmann, Operational experience with a new type of belt A268 (1988) 407
Arndt, P., R. Michaelsen, M. Teichmann, K. Ziegler and H. Heinze, First experience with a capacitative regulation system for a 6 MV Van de Graaff accelerator A268 (1988) 442
Arnold, W., see Baumann, P. A268 (1988) 531
Ascoli, G., L.E. Holloway, I. Karliner, U.E. Kruse, R.D. Sard, V.J. Simaitis, D.A. Smith and T.K. Westhusing, CDF central muon detector A268 (1988) 33
Ascoli, G., L.E. Holloway, I. Karliner, U.E. Kruse, R.D. Sard, V.J. Simaitis, D.A. Smith and T.K. Westhusing, A leveling system for the CDF central muon chambers A268 (1988) 41
Aslanoglou, X., see Papandreou, Z. A268 (1988) 179
Assmann, W., see Münzer, H. A268 (1988) 353
Assmann, W., see Machlitt, N. A268 (1988) 434
Auge, E., see Burkhardt, H. A268 (1988) 116

Bagliesi, G., R. Baldini-Celio, G. Batignani, G. Bencivenni, G.G. Bologna, F. Bossi, U. Bottigli, C. Bradaschia, P. Campana, G. Capon, M.G. Catanesi, V. Chiarella, G. De Ninno, M. De Palma, B. D'Ettorre Piazzoli, M. Dreucci, G. Felici, L. Foà, A. Giassi, G. Iaselli, P. Laurelli, G. Maggi, G. Mannocchi, G.P. Murtas, G. Nicoletti, S. Nuzzo, P. Picchi, A. Ranieri, G. Raso, H. Rigoni, F. Romano, F. Ruggieri, S. Scapellato, G. Selvaggi, R. Tenchini and G. Zito , Operation of limited streamer tubes with the gas mixture Ar + CO_2 + n-pentane A268 (1988) 144
Baldini-Celio, R., see Bagliesi, G. A268 (1988) 144
Ball, J.B., see Jones, C.M. A268 (1988) 308
Baris, J., see Hyder, H.R.McK. A268 (1988) 285
Barton, D.S., see Thieberger, P. A268 (1988) 513
Basu, S.K., see Bhattacharya, N.C. A268 (1988) 478
Batignani, G., see Bagliesi, G. A268 (1988) 144
Baumann, P., M. Blum, A. Friedrich, C. Geyer, M. Grieser, B. Holzer, E. Jaeschke, D. Krämer, C. Martin, K. Matl, R. Mayer, W. Ott, B. Povh, R. Repnow, M. Steck, E. Steffens and W. Arnold, The Heidelberg heavy ion test storage ring TSR A268 (1988) 531
Baumgart, R., C. Grupen, H.-J. Meyer and U. Schäfer, Test of an iron/streamer tube calorimeter with electrons and pions of energy between 1 and 100 GeV A268 (1988) 105
Becker, C., see Burkhardt, H. A268 (1988) 116
Bedeschi, F., J.P. Berge, J. Bofill, M. Dell'Orso, G.W. Foster, M. Hrycyk, R.W. Kadel, J. Kowalski, A. Mukherjee, C. Newman-Holmes, J. O'Meara, J. Patrick, D. Tinsley, R.L. Wagner, R. Yarema, A. Byon, A. Menzione, A. Scribano, A. Stefanini and F. Zetti, Design and construction of the CDF central tracking chamber A268 (1988) 50
Beghini, S., see Spolaore, P. A268 (1988) 397
Ben-Zvi, I., A. Gover, E. Jerby, J.S. Sokolowski and J. Wachtel, Design of a tandem accelerator free electron laser A268 (1988) 561
Bencivenni, G., see Bagliesi, G. A268 (1988) 144

0168-9002/88/$03.50 © Elsevier Science Publishers B.V.
(North-Holland Physics Publishing Division)

Benjamin, J., see Thieberger, P. . . . A268 (1988) 513
Berge, J.P., see Bedeschi, F. . . . A268 (1988) 50
Berger, S. and F. Dworschak, Improved charge exchange canal for negative helium ions . . . A268 (1988) 470
Bernstorff, S., see Riehle, F. . . . A268 (1988) 262
Berry, H.G., see Dunford, R.W. . . . A268 (1988) 1
Beuscher, H., see Krauss-Vogt, W. . . . A268 (1988) 5
Bezzon, G.P., see Signorini, C. . . . A268 (1988) 302
Bhadra, S., S. Errede, L. Fishback, H. Keutelian and P. Schlabach, The design and construction of the CDF central drift tube array . . . A268 (1988) 92
Bhattacharya, N.C., S.K. Basu, R.K. Bhowmik, A. Chakrabarti and S.K. Saha, A gas-jet coupled ISOL system at VECC . . . A268 (1988) 478
Bhowmik, R.K., see Bhattacharya, N.C. . . . A268 (1988) 478
Bi Decai, see Qin Jiuchang . . . A268 (1988) 316
Biggerstaff, J.A., see Jones, C.M. . . . A268 (1988) 308
Biggerstaff, J.A., see Juras, R.C. . . . A268 (1988) 542
Bigi, A., see Burkhardt, H. . . . A268 (1988) 116
Binkley, M., see Snider, F. . . . A268 (1988) 75
Binon, F.G., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Bisoffi, G., see Spolaore, P. . . . A268 (1988) 397
Black, R., see Burkhardt, H. . . . A268 (1988) 116
Blum, M., see Baumann, P. . . . A268 (1988) 531
Blümer, H., see Burkhardt, H. . . . A268 (1988) 116
Bofill, J., see Bedeschi, F. . . . A268 (1988) 50
Bologna, G.G., see Bagliesi, G. . . . A268 (1988) 144
Borggreen, J., see Westergaard, J. . . . A268 (1988) 525
Bossi, F., see Bagliesi, G. . . . A268 (1988) 144
Bottigli, U., see Bagliesi, G. . . . A268 (1988) 144
Bower, C.R., see Petrakis, J.P. . . . A268 (1988) 256
Bradaschia, C., see Bagliesi, G. . . . A268 (1988) 144
Brand, K., The gas handling system for the Dynamitron tandem at Bochum . . . A268 (1988) 437
Bräunig, D., see Fahrner, W.R. . . . A268 (1988) 579
Bricman, C., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Brient, C.E., see Saraf, S.K. . . . A268 (1988) 200
Broadhurst, J.H., A novel accelerator tube with active protection . . . A268 (1988) 368
Bromley, D.A., see Hyder, H.R.McK. . . . A268 (1988) 285
Bürger, G., see Kostka, P. . . . A268 (1988) 403
Burkhardt, H., P. Clarke, D. Cundy, N. Doble, L. Gatignon, R. Hagelberg, G. Kesseler, J. Van der Lans, I. Mannelli, T. Miczaika, H.G. Sander, A.C. Schaffer, P. Steffen, J. Steinberger, H. Taureg, H. Wahl, C. Youngman, G. Dietrich, F. Eisele, W. Heinen, R. Black, D.J. Candlin, J. Muir, K.J. Peach, B. Pijlgroms, I.P. Shipsey, W. Stephenson, H. Blümer, M. Kasemann, K. Kleinknecht, B. Panzer, B. Renk, E. Auge, R.L. Chase, M. Corti, D. Fournier, P. Heusse, A.M. Lutz, A. Bigi, M. Calvetti, R. Carosi, R. Casali, C. Cerri, R. Fantechi, S. Galeotti, E. Massa, A. Nappi, D. Passuello, G. Pierazzini, C. Becker, D. Heyland, M. Holder, G. Quast, M. Rost, W. Weihs and G. Zech, The beam and detector for a high-precision measurement of CP violation in neutral-kaon decays . . . A268 (1988) 116
Busse, W., see Renner, D. . . . A268 (1988) 350
Byon, A., see Bedeschi, F. . . . A268 (1988) 50
Byrum, K., D. Carlsmith, D. Cline, R. Handler, A. Jaske, L. Markosky, G. Ott, L. Pondrom, J. Rhoades, M. Sheaff, J. Skarha, M.A. Thompson, M. Werner and T. Winch, The CDF forward muon system . . . A268 (1988) 46

Calabretta, L., G. Cuttone, D. Giove and G. Raia, Beam diagnostic elements at the Laboratorio Nazionale del Sud . . . A268 (1988) 496
Calvetti, M., see Burkhardt, H. . . . A268 (1988) 116
Campana, P., see Bagliesi, G. . . . A268 (1988) 144
Candlin, D.J., see Burkhardt, H. . . . A268 (1988) 116
Capon, G., see Bagliesi, G. . . . A268 (1988) 144
Carli, W., see Münzer, H. . . . A268 (1988) 353
Carlsmith, D., see Byrum, K. . . . A268 (1988) 46
Carosi, R., see Burkhardt, H. . . . A268 (1988) 116
Casali, R., see Burkhardt, H. . . . A268 (1988) 116
Catanesi, M.G., see Bagliesi, G. . . . A268 (1988) 144
Cerri, C., see Burkhardt, H. . . . A268 (1988) 116

Cervellera, F., see Signorini, C. . . . A268 (1988) 302
Chakrabarti, A., see Bhattacharya, N.C. . . . A268 (1988) 478
Chapman, K.R., A convenient way to double the capacity of the NEC type foil stripper . . . A268 (1988) 490
Charlesworth, T.R., see Aitken, T.W. . . . A268 (1988) 482
Charlesworth, T.R., see Price, H.G. . . . A268 (1988) 522
Chase, R.L., see Burkhardt, H. . . . A268 (1988) 116
Chasman, C., see Thieberger, P. . . . A268 (1988) 513
Chen, Z., see Gong, W.G. . . . A268 (1988) 190
Chen Wenkui, see Qin Jiuchang . . . A268 (1988) 316
Chiarella, V., see Bagliesi, G. . . . A268 (1988) 144
Christophorou, L.G., Insulating gases . . . A268 (1988) 424
Clarke, P., see Burkhardt, H. . . . A268 (1988) 116
Cline, D., see Byrum, K. . . . A268 (1988) 46
Corti, M., see Burkhardt, H. . . . A268 (1988) 116
Costa, L., see Signorini, C. . . . A268 (1988) 302
Cruz, J., see Devlin, T. . . . A268 (1988) 24
Cundy, D., see Burkhardt, H. . . . A268 (1988) 116
Curaudeau, J.M., see Decourt, M. . . . A268 (1988) 550
Cuttone, G., see Calabretta, L. . . . A268 (1988) 496

Daniel, H., A new form of accelerator for charged particles (*Letter to the Editor*) . . . A268 (1988) 273
Datsko, V.S., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Davis, J.C., see Proctor, I.D. . . . A268 (1988) 344
De Ninno, G., see Bagliesi, G. . . . A268 (1988) 144
De Palma, M., see Bagliesi, G. . . . A268 (1988) 144
Decourt, M., J.M. Curaudeau and B. Waast, Microprocessor-based monitoring system for the Orsay MP-9 injector . . . A268 (1988) 550
Delheij, P.P.J. and G.L. Morgan, Magnetic moments of low-energy neutron resonances in ^{161}Dy . . . A268 (1988) 155
Dell'Orso, M., see Bedeschi, F. . . . A268 (1988) 50
Deslattes, R.D., see Dunford, R.W. . . . A268 (1988) 1
D'Ettorre Piazzoli, B., see Bagliesi, G. . . . A268 (1988) 144
Devlin, T., J. Cruz, U. Joshi, K. Kazlauskis, C. Muehleisen, T.-S. Yang, J.E. Elias, H. Jensen and L. Nodulman, Phototube testing for CDF . . . A268 (1988) 24
Dewald, A. and L. Steinert, Reconditioning of the Cologne tandem after a fire at the ion source . . . A268 (1988) 356
Dietrich, G., see Burkhardt, H. . . . A268 (1988) 116
Doble, N., see Burkhardt, H. . . . A268 (1988) 116
Donskov, S.V., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Doucas, G., see Price, H.G. . . . A268 (1988) 522
Dowling, D.T., see Jones, C.M. . . . A268 (1988) 308
Draht, D., see Arndt, P. . . . A268 (1988) 407
Dreucci, M., see Bagliesi, G. . . . A268 (1988) 144
Du Xueren, see Qin Jiuchang . . . A268 (1988) 316
Dunford, R.W., R.C. Pardo, M.L.A. Raphaelian, H.G. Berry and R.D. Deslattes, X-ray spectroscopy using accel–decel at ATLAS . . . A268 (1988) 1
Durand, A., see Thouroude, D. . . . A268 (1988) 10
Dworschak, F., see Berger, S. . . . A268 (1988) 470

Eaton, M.R., see Proctor, I.D. . . . A268 (1988) 344
Egun, P.M., see Saraf, S.K. . . . A268 (1988) 200
Eisele, F., see Burkhardt, H. . . . A268 (1988) 116
Elbek, B., see Westergaard, J. . . . A268 (1988) 525
Elias, J.E., see Devlin, T. . . . A268 (1988) 24
Erb, K.A., see Jones, C.M. . . . A268 (1988) 308
Erb, K.A., see Jones, C.M. . . . A268 (1988) 361
Errede, S., see Bhadra, S. . . . A268 (1988) 92

Fahrner, W.R., J.R. Laschinski and D. Bräunig, Application of high energy implantation in semiconductors . . . A268 (1988) 579
Fantechi, R., see Burkhardt, H. . . . A268 (1988) 116
Fazzini, N., H. Gonzalez, S. Tau and A. Tersigni, Status report of the Buenos Aires Tandar Facility . . . A268 (1988) 330
Felici, G., see Bagliesi, G. . . . A268 (1988) 144
Félszerfalvi, J., see Kiss, Á.Z. . . . A268 (1988) 382

Fishback, L., see Bhadra, S. A268 (1988) 92
Foà, L., see Bagliesi, G. A268 (1988) 144
Foelsche, H., see Thieberger, P. A268 (1988) 513
Foster, G.W., see Bedeschi, F. A268 (1988) 50
Fournier, D., see Burkhardt, H. A268 (1988) 116
Friedrich, A., see Baumann, P. A268 (1988) 531
Fröhling, R., see Riehle, F. A268 (1988) 262
Fukumoto, S., see Mori, Y. A268 (1988) 270
Furuno, K., see Seki, S. A268 (1988) 386

Galeotti, S., see Burkhardt, H. A268 (1988) 116
Garibaldi, J.L., see Proctor, I.D. A268 (1988) 344
Gatignon, L., see Burkhardt, H. A268 (1988) 116
Ge Jiyun, see Qin Jiuchang A268 (1988) 316
Gebhard, M.W., see Petrakis, J.P. A268 (1988) 256
Gelbke, C.K., see Gong, W.G. A268 (1988) 190
Geyer, C., see Baumann, P. A268 (1988) 531
Giassi, A., see Bagliesi, G. A268 (1988) 144
Gingell, C.E.L., see Hyder, H.R.McK. A268 (1988) 285
Giove, D., see Calabretta, L. A268 (1988) 496
Gong, W.G., Y.D. Kim, G. Poggi, Z. Chen, C.K. Gelbke, W.G. Lynch, M.R. Maier, T. Murakami, M.B. Tsang, H.M. Xu and K. Kwiatkowski, Resolution tests of CsI(Tl) scintillators read out by pin diodes A268 (1988) 190
Gonzalez, H., see Fazzini, N. A268 (1988) 330
Gonzalez, M., O. Professi and A. Tersigni, Tandar injector system and ion sources A268 (1988) 469
Gouanere, M., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Gover, A., see Ben-Zvi, I. A268 (1988) 561
Grieser, M., see Baumann, P. A268 (1988) 531
Grimes, S.M., see Saraf, S.K. A268 (1988) 200
Grupen, C., see Baumgart, R. A268 (1988) 105
Guan, X.L., see Spolaore, P. A268 (1988) 397
Guan Xia-Ling, Beam trajectories through the upgraded XTU tandem A268 (1988) 376
Guan Xialing, see Qin Jiuchang A268 (1988) 316

Haas, F., G. Heng, J. Hoffman, Ch. Muller and R. Rebmeister, The injector for the 35 MV tandem accelerator Vivitron of Strasbourg A268 (1988) 465
Hagedoorn, H.L., see Krauss-Vogt, W. A268 (1988) 5
Hagelberg, R., see Burkhardt, H. A268 (1988) 116
Hagemann, K.A., see Westergaard, J. A268 (1988) 525
Håkansson, K., see Hellborg, R. A268 (1988) 408
Hanashima, S., see Minehara, E. A268 (1988) 461
Hanashima, S. and E. Minehara, Control system for the JAERI tandem accelerator A268 (1988) 549
Handler, R., see Byrum, K. A268 (1988) 46
Hansen, N.J.S., see Westergaard, J. A268 (1988) 525
Hartung, P., see Münzer, H. A268 (1988) 353
Hasegawa, K., see Satoh, O. A268 (1988) 225
Hashimoto, S., see Kubota, S. A268 (1988) 275
Haynes, D.L., see Jones, C.M. A268 (1988) 308
Haynes, D.L., see Jones, C.M. A268 (1988) 361
Heinen, W., see Burkhardt, H. A268 (1988) 116
Heinz, R.M., see Petrakis, J.P. A268 (1988) 256
Heinze, H., see Arndt, P. A268 (1988) 442
Hellborg, R. and K. Håkansson, An improved charge transport system for the pelletron accelerator in Lund . . . A268 (1988) 408
Helleboid, J.-M., Belt charging system for the 35 MV Vivitron accelerator A268 (1988) 414
Heng, G., see Haas, F. A268 (1988) 465
Heusse, P., see Burkhardt, H. A268 (1988) 116
Heyland, D., see Burkhardt, H. A268 (1988) 116
Hoffman, J., see Haas, F. A268 (1988) 465
Hoglund, D.E., see Jones, C.M. A268 (1988) 308
Hoglund, D.E., see Juras, R.C. A268 (1988) 542
Holder, M., see Burkhardt, H. A268 (1988) 116
Hollos, G., R. Kaim, Y. Shachar and Y. Yurman, A new injector for the Rehovot Pelletron A268 (1988) 456

Holloway, L.E., see Ascoli, G. . . . A268 (1988) 33
Holloway, L.E., see Ascoli, G. . . . A268 (1988) 41
Holzer, B., see Baumann, P. . . . A268 (1988) 531
Hrycyk, M., see Bedeschi, F. . . . A268 (1988) 50
Hu Yaoming, see Qin Jiuchang . . . A268 (1988) 316
Huber, G.M., see Papandreou, Z. . . . A268 (1988) 179
Hudson, E.D., see Jones, C.M. . . . A268 (1988) 308
Huth, J., see Snider, F. . . . A268 (1988) 75
Hyder, H.R.McK., J. Baris, C.E.L. Gingell, J. McKay, P.D. Parker and D.A. Bromley, The ESTU accelerator at Yale . . . A268 (1988) 285
Hyder, H.R.McK., see Price, H.G. . . . A268 (1988) 522

Iaselli, G., see Bagliesi, G. . . . A268 (1988) 144
IHEP–IISN–LANL–LAPP Collaboration, D. Alde, F.G. Binon, C. Bricman, V.S. Datsko, S.V. Donskov, M. Gouanere, A.V. Inyakin, V.A. Kachanov, D.B. Kakauridze, G.V. Khaustov, E.A. Knapp, A.V. Kulik, J.P. Lagnaux, V.G. Lapshin, A.A. Lednev, J.P. Peigneux, Yu.D. Prokoshkin, Yu.V. Rodnov, V.I. Rykalin, S.A. Sadovsky, V.D. Samoylenko, P.M. Shagin, A.V. Shtannikov, A.V. Singovsky, J.P. Stroot and V.P. Sugonyaev, Measurement of the resolution of a combined hodoscope calorimeter at 18 GeV and 38 GeV . . . A268 (1988) 112
Ikegami, K., see Mori, Y. . . . A268 (1988) 270
Inyakin, A.V., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Ioffe, A.I., Aberration-free diffraction-grating neutron interferometer . . . A268 (1988) 169
Ishihara, T., see Seki, S. . . . A268 (1988) 386
Ishii, S., see Seki, S. . . . A268 (1988) 386

Jaeschke, E., see Baumann, P. . . . A268 (1988) 531
Jakob, H., see Münzer, H. . . . A268 (1988) 353
Jaske, A., see Byrum, K. . . . A268 (1988) 46
Jensen, H., see Devlin, T. . . . A268 (1988) 24
Jerby, E., see Ben-Zvi, I. . . . A268 (1988) 561
Jérémie, H., see Savard, D. . . . A268 (1988) 278
Jérémie, H. and B. Lorazo, Microscopic Monte Carlo, an alternative method for calculating multiple Coulomb scattering (*Letter to the Editor*) . . . A268 (1988) 281
Jiao Souhua, see Zhang Zhongmu . . . A268 (1988) 337
Jones, C.M., G.D. Alton, J.B. Ball, J.A. Biggerstaff, D.T. Dowling, K.A. Erb, D.L. Haynes, D.E. Hoglund, E.D. Hudson, R.C. Juras, S.N. Lane, C.A. Ludemann, J.A. Martin, M.J. Meigs, S.W. Mosko, D.K. Olsen and N.F. Ziegler, The Holifield Heavy Ion Research Facility . . . A268 (1988) 308
Jones, C.M., K.A. Erb, D.L. Haynes, J.T. Mitchell, N.F. Ziegler, J.E. Raatz and R.D. Rathmell, Tests of compressed geometry acceleration tubes in the Oak Ridge 25URC tandem accelerator . . . A268 (1988) 361
Joshi, U., see Devlin, T. . . . A268 (1988) 24
Joy, T., see Aitken, T.W. . . . A268 (1988) 324
Joy, T., see Price, H.G. . . . A268 (1988) 522
Juras, R.C., see Jones, C.M. . . . A268 (1988) 308
Juras, R.C., see Ziegler, N.F. . . . A268 (1988) 509
Juras, R.C., N.F. Ziegler, M.J. Meigs, R.L. McPherson, D.E. Hoglund and J.A. Biggerstaff, Evolution and development of the Oak Ridge 25URC tandem accelerator control system . . . A268 (1988) 542
Jüttner, B., Vacuum breakdown . . . A268 (1988) 390

Kaan, A.P., see Van den Brand, J.F.J. . . . A268 (1988) 186
Kachanov, V.A., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Kadel, R.W., see Bedeschi, F. . . . A268 (1988) 50
Kaim, R., see Hollos, G. . . . A268 (1988) 456
Kakauridze, D.B., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Karliner, I., see Ascoli, G. . . . A268 (1988) 33
Karliner, I., see Ascoli, G. . . . A268 (1988) 41
Kasemann, M., see Burkhardt, H. . . . A268 (1988) 116
Kayser, J. and M. Scherschel, Molecular plating of cobalt and neodymium on thin aluminium foils . . . A268 (1988) 19
Kazlauskis, K., see Devlin, T. . . . A268 (1988) 24
Kelbch, C., see Ullrich, J. . . . A268 (1988) 216
Kephart, R., see Snider, F. . . . A268 (1988) 75
Kesseler, G., see Burkhardt, H. . . . A268 (1988) 116
Keutelian, H., see Bhadra, S. . . . A268 (1988) 92

Khaustov, G.V., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Kim, Y.D., see Gong, W.G. A268 (1988) 190
Kiss, Á.Z., E. Koltay, I. Papp, Gy. Szabó, J. Félszerfalvi and I. Nyilas, On the performance of a straight acceleration tube with axial gradient modulation A268 (1988) 382
Kleinknecht, K., see Burkhardt, H. A268 (1988) 116
Klopfer, E., see Kostka, P. A268 (1988) 403
Knapp, E.A., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Knox, B., see Price, H.G. A268 (1988) 522
Knudsen, P., see Westergaard, J. A268 (1988) 525
Kobayashi, S., see Nakamura, M. A268 (1988) 313
Koltay, E., see Kiss, Á.Z. A268 (1988) 382
Kondo, K., see Snider, F. A268 (1988) 75
Korschinek, G., see Sellmair, J. A268 (1988) 473
Korytov, A.V., see Alekseev, G.D. A268 (1988) 151
Kostka, P., E. Klopfer, G. Bürger and J. Roosz, Experiences with a Poly-C belt A268 (1988) 403
Kotajima, K., see Satoh, O. A268 (1988) 225
Kowalski, J., see Bedeschi, F. A268 (1988) 50
Krämer, D., see Baumann, P. A268 (1988) 531
Krauss-Vogt, W., H. Beuscher, H.L. Hagedoorn, J. Reich and P. Wucherer, Emittance and matching of ECR sources A268 (1988) 5
Kronman, D., see Solin, O. A268 (1988) 209
Kruse, U.E., see Ascoli, G. A268 (1988) 33
Kruse, U.E., see Ascoli, G. A268 (1988) 41
Kubota, S., S. Sakuragi, S. Hashimoto and J.-Z. Ruan (Gen), A new scintillation material: pure CsI with 10 ns decay time (*Letter to the Editor*) A268 (1988) 275
Kulik, A.V., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Kutschera, W., Present and future prospects of accelerator mass spectrometry A268 (1988) 552
Kwiatkowski, K., see Gong, W.G. A268 (1988) 190

Lagnaux, J.P., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Lai Weiquan, see Zhang Zhongmu A268 (1988) 337
Lai Weiquan, Yang Qiru and Zhang Zhongmu, Improvement in the voltage behaviour of monocast nylon insulators for a laddertron or pelletron A268 (1988) 400
Lambert, P., see Waast, B. A268 (1988) 319
Lane, S.N., see Jones, C.M. A268 (1988) 308
Lapshin, V.G., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Laschinski, J.R., see Fahrner, W.R. A268 (1988) 579
Laurelli, P., see Bagliesi, G. A268 (1988) 144
Le Bervet, L., see Waast, B. A268 (1988) 319
Le Goff, A., see Waast, B. A268 (1988) 319
Lednev, A.A., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Lee, D.H., A background rejection efficiency calculation for a proposed gaseous xenon TPC in a double beta decay experiment A268 (1988) 244
Letournel, M. and the Vivitron Group, Present status of the construction of the Strasbourg 35 MV Vivitron tandem A268 (1988) 295
Levy, C.D.P., see Mori, Y. A268 (1988) 270
Lindblom, P. and O. Solin, Atomic near-infrared noble gas scintillations I. Optical spectra A268 (1988) 204
Lindblom, P., see Solin, O. A268 (1988) 209
Lindblom, P. and O. Solin, Atomic near-infrared noble gas scintillations III. Detection of alpha particles A268 (1988) 212
Liu Zhengying, see Qin Jiuchang A268 (1988) 316
Lolos, G.J., see Papandreou, Z. A268 (1988) 179
Lorazo, B., see Savard, D. A268 (1988) 278
Lorazo, B., see Jérémie, H. A268 (1988) 281
Ludemann, C.A., see Jones, C.M. A268 (1988) 308
Lutz, A.M., see Burkhardt, H. A268 (1988) 116
Lynch, W.G., see Gong, W.G. A268 (1988) 190

Machlitt, N., see Münzer, H. A268 (1988) 353
Machlitt, N., W. Assmann and S.J. Skorka, Measurement of breakdown characteristics of SF_6 insulated spark gaps at fast rising overvoltages A268 (1988) 434
Maggi, G., see Bagliesi, G. A268 (1988) 144

Maier, H.J., see Münzer, H. . . . A268 (1988) 353
Maier, M.R., see Gong, W.G. . . . A268 (1988) 190
Maison, J.M., see Waast, B. . . . A268 (1988) 319
Malev, M.D., see Weisser, D.C. . . . A268 (1988) 488
Mannelli, I., see Burkhardt, H. . . . A268 (1988) 116
Mannocchi, G., see Bagliesi, G. . . . A268 (1988) 144
Markosky, L., see Byrum, K. . . . A268 (1988) 46
Marsh, M., see Price, H.G. . . . A268 (1988) 522
Martin, B., see Renner, D. . . . A268 (1988) 350
Martin, B., R. Michaelsen and W. Pelzer, Charge state selection procedure at VICKSI . . . A268 (1988) 494
Martin, C., see Baumann, P. . . . A268 (1988) 531
Martin, J.A., see Jones, C.M. . . . A268 (1988) 308
Massa, E., see Burkhardt, H. . . . A268 (1988) 116
Matl, K., see Baumann, P. . . . A268 (1988) 531
Matsumoto, T., Calculations of gamma ray incineration of ^{90}Sr and ^{137}Cs . . . A268 (1988) 234
Mayer, R., see Baumann, P. . . . A268 (1988) 531
McConnell, J.W., see Alton, G.D. . . . A268 (1988) 445
McKay, J., see Hyder, H.R.McK. . . . A268 (1988) 285
McPherson, R.L., see Ziegler, N.F. . . . A268 (1988) 509
McPherson, R.L., see Juras, R.C. . . . A268 (1988) 542
Mehta, G.K. and A.P. Patro, 15 UD Pelletron of the Nuclear Science Centre – status report . . . A268 (1988) 334
Meigs, M.J., see Jones, C.M. . . . A268 (1988) 308
Meigs, M.J., see Ziegler, N.F. . . . A268 (1988) 509
Meigs, M.J., see Juras, R.C. . . . A268 (1988) 542
Menzione, A., see Bedeschi, F. . . . A268 (1988) 50
Meyer, H.-J., see Baumgart, R. . . . A268 (1988) 105
Michaelsen, R., see Renner, D. . . . A268 (1988) 350
Michaelsen, R., see Arndt, P. . . . A268 (1988) 442
Michaelsen, R., see Martin, B. . . . A268 (1988) 494
Michaelsen, R. and E. Seidel, Modification of the VICKSI beam profile monitor system for application at low intensities . . . A268 (1988) 503
Miczaika, T., see Burkhardt, H. . . . A268 (1988) 116
Milner, W.T., see Ziegler, N.F. . . . A268 (1988) 509
Mimashi, T., see Snider, F. . . . A268 (1988) 75
Minehara, E. and S. Hanashima, JAERI negative ion injectors . . . A268 (1988) 461
Minehara, E., see Hanashima, S. . . . A268 (1988) 549
Mishra, V., see Saraf, S.K. . . . A268 (1988) 200
Mitchell, J.T., see Jones, C.M. . . . A268 (1988) 361
Mitsumoto, T., see Satoh, K. . . . A268 (1988) 538
Moore, T.L., see Proctor, I.D. . . . A268 (1988) 344
Morgan, G.L., see Delheij, P.P.J. . . . A268 (1988) 155
Mori, Y., A. Takagi, K. Ikegami, S. Fukumoto, A. Ueno, C.D.P. Levy and P.W. Schmor, Radiation trapping in an optically pumped thick sodium target (*Letter to the Editor*) . . . A268 (1988) 270
Mosko, S.W., see Jones, C.M. . . . A268 (1988) 308
Muehleisen, C., see Devlin, T. . . . A268 (1988) 24
Mufson, S.L., see Petrakis, J.P. . . . A268 (1988) 256
Muir, J., see Burkhardt, H. . . . A268 (1988) 116
Mukherjee, A., see Bedeschi, F. . . . A268 (1988) 50
Muller, Ch., see Haas, F. . . . A268 (1988) 465
Münzer, H., W. Carli, P. Hartung, H. Jakob, H. Nocker, L. Rohrer, H. Schnitter, W. Assmann, H.J. Maier, N. Machlitt and H. Steffens, Major maintenance of the Munich MP-tandem . . . A268 (1988) 353
Murakami, T., see Gong, W.G. . . . A268 (1988) 190
Murtas, G.P., see Bagliesi, G. . . . A268 (1988) 144

Nakamura, M., S. Shimoura, K. Takimoto, H. Sakaguchi and S. Kobayashi, The Kyoto University tandem upgrading project . . . A268 (1988) 313
Nappi, A., see Burkhardt, H. . . . A268 (1988) 116
Newman-Holmes, C., see Bedeschi, F. . . . A268 (1988) 50
Newman-Holmes, C., see Snider, F. . . . A268 (1988) 75
Nicoletti, G., see Bagliesi, G. . . . A268 (1988) 144
Ning Shulan, see Qin Jiuchang . . . A268 (1988) 316

Nocker, H., see Münzer, H. A268 (1988) 353
Nodulman, L., see Devlin, T. A268 (1988) 24
Nuzzo, S., see Bagliesi, G. A268 (1988) 144
Nyilas, I., see Kiss, Á.Z. A268 (1988) 382

Ofek, R., A. Tsechanski and G. Shani, Normalization of a collimated 14.7 MeV neutron source in a neutron spectrometry system for benchmark experiments A268 (1988) 229
O'Gara, J., see Price, H.G. A268 (1988) 522
Olesen, M.C., see Westergaard, J. A268 (1988) 525
Olsen, D.K., see Jones, C.M. A268 (1988) 308
O'Meara, J., see Bedeschi, F. A268 (1988) 50
Oshima, H., see Seki, S. A268 (1988) 386
Ott, G., see Byrum, K. A268 (1988) 46
Ott, W., see Baumann, P. A268 (1988) 531
Owen, E.C.G., see Price, H.G. A268 (1988) 522

Palanque, S., see Snider, F. A268 (1988) 75
Panzer, B., see Burkhardt, H. A268 (1988) 116
Papandreou, Z., G.J. Lolos, G.M. Huber and X. Aslanoglou, Charged and neutral particle spectrometer for nuclear pion and photon absorption investigations A268 (1988) 179
Papp, I., see Kiss, Á.Z. A268 (1988) 382
Pardo, R.C., see Dunford, R.W. A268 (1988) 1
Parker, P.D., see Hyder, H.R.McK. A268 (1988) 285
Passuello, D., see Burkhardt, H. A268 (1988) 116
Patrick, J., see Bedeschi, F. A268 (1988) 50
Patrick, J., see Snider, F. A268 (1988) 75
Patro, A.P., see Mehta, G.K. A268 (1988) 334
Peach, K.J., see Burkhardt, H. A268 (1988) 116
Pedroni, R.S., see Saraf, S.K. A268 (1988) 200
Peigneux, J.P., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Pelzer, W., see Renner, D. A268 (1988) 350
Pelzer, W., see Martin, B. A268 (1988) 494
Petrakis, J.P., C.R. Bower, M.W. Gebhard, R.M. Heinz, S.L. Mufson, J.M. Reynoldson and G.W. Turner, A spectrophotometer for measuring liquid attenuation lengths at wavelengths between 400 and 600 nm A268 (1988) 256
Picchi, P., see Bagliesi, G. A268 (1988) 144
Pierazzini, G., see Burkhardt, H. A268 (1988) 116
Pijlgroms, B., see Burkhardt, H. A268 (1988) 116
Poggi, G., see Gong, W.G. A268 (1988) 190
Pondrom, L., see Byrum, K. A268 (1988) 46
Povh, B., see Baumann, P. A268 (1988) 531
Price, H.G., see Aitken, T.W. A268 (1988) 324
Price, H.G., T.W. Aitken, J. Alexander, T.R. Charlesworth, T. Joy, J. O'Gara, E.C.G. Owen, G. Doucas, H.R. McK.Hyder, B. Knox and M. Marsh, Proposed addition of superconducting linac modules to the Daresbury tandem A268 (1988) 522
Proctor, I.D., J.C. Davis, M.R. Eaton, J.L. Garibaldi, T.L. Moore, B.J. Schumacher, J.R. Southon and T.A. Zimmerman, LLNL multi-user tandem laboratory A268 (1988) 344
Professi, O., see Gonzalez, M. A268 (1988) 469
Prokoshkin, Yu.D., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112

Qin Jiuchang, Yu Juexian, Yang Suichun, Du Xueren, Liu Zhengying, Wang Haipeng, Chen Wenkui, Hu Yaoming, Zhang Guilian, Yang Bingfan, Yu Yunfeng, Guan Xialing, Ning Shulan, Yang Weimin, Ge Jiyun, Bi Decai and Zheng Zhanyi , Testing and commissioning of the HI-13 tandem accelerator A268 (1988) 316
Quast, G., see Burkhardt, H. A268 (1988) 116

Raatz, J.E., see Jones, C.M. A268 (1988) 361
Raia, G., see Calabretta, L. A268 (1988) 496
Ranieri, A., see Bagliesi, G. A268 (1988) 144
Raphaelian, M.L.A., see Dunford, R.W. A268 (1988) 1
Raso, G., see Bagliesi, G. A268 (1988) 144
Rathmell, R.D., see Jones, C.M. A268 (1988) 361
Rebmeister, R., see Haas, F. A268 (1988) 465

Reich, J., see Krauss-Vogt, W. . . . A268 (1988) 5
Renk, B., see Burkhardt, H. . . . A268 (1988) 116
Renner, D., P. Arndt, W. Busse, B. Martin, R. Michaelsen, W. Pelzer and K. Ziegler, Status of the 8 UD tandem-injector for VICKSI . . . A268 (1988) 350
Repnow, R., see Baumann, P. . . . A268 (1988) 531
Reynoldson, J.M., see Petrakis, J.P. . . . A268 (1988) 256
Rhoades, J., see Byrum, K. . . . A268 (1988) 46
Riehle, F., S. Bernstorff, R. Fröhling and F.P. Wolf, Determination of electron currents below 1 nA in the storage ring BESSY by measurement of the synchrotron radiation of single electrons . . . A268 (1988) 262
Rigoni, H., see Bagliesi, G. . . . A268 (1988) 144
Rochelle, J.W., see Ziegler, N.F. . . . A268 (1988) 509
Rodnov, Yu.V., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Rohrer, L., see Münzer, H. . . . A268 (1988) 353
Romano, F., see Bagliesi, G. . . . A268 (1988) 144
Roosz, J., see Kostka, P. . . . A268 (1988) 403
Rosengård, U., see Solin, O. . . . A268 (1988) 209
Rost, M., see Burkhardt, H. . . . A268 (1988) 116
Ruan, J.-Z., see Kubota, S. . . . A268 (1988) 275
Ruggieri, F., see Bagliesi, G. . . . A268 (1988) 144
Rykalin, V.I., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112

Sadovsky, S.A., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Saha, S.K., see Bhattacharya, N.C. . . . A268 (1988) 478
Sakaguchi, H., see Nakamura, M. . . . A268 (1988) 313
Sakuragi, S., see Kubota, S. . . . A268 (1988) 275
Samoylenko, V.D., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Sander, H.G., see Burkhardt, H. . . . A268 (1988) 116
Saraf, S.K., C.E. Brient, P.M. Egun, S.M. Grimes, V. Mishra and R.S. Pedroni, Determination of the light response of BC-404 plastic scintillator for protons and deuterons with energies between 1 and 11 MeV . . . A268 (1988) 200
Sard, R.D., see Ascoli, G. . . . A268 (1988) 33
Sard, R.D., see Ascoli, G. . . . A268 (1988) 41
Satoh, K., T. Mitsumoto and E. Arai, Construction and operating experience with the Tokyo Institute of Technology post accelerators . . . A268 (1988) 538
Satoh, O., T. Yamaya, K. Kotajima and K. Hasegawa, A multi-data acquisition controller for position sensitive detectors . . . A268 (1988) 225
Savard, D., B. Lorazo and H. Jérémie, Efficiency of Billoir's track fitting method for the OPAL central detector (*Letter to the Editor*) . . . A268 (1988) 278
Scapellato, S., see Bagliesi, G. . . . A268 (1988) 144
Schäfer, U., see Baumgart, R. . . . A268 (1988) 105
Schaffer, A.C., see Burkhardt, H. . . . A268 (1988) 116
Scherschel, M., see Kayser, J. . . . A268 (1988) 19
Schlabach, P., see Bhadra, S. . . . A268 (1988) 92
Schmidt-Böcking, H., see Ullrich, J. . . . A268 (1988) 216
Schmor, P.W., see Mori, Y. . . . A268 (1988) 270
Schnitter, H., see Münzer, H. . . . A268 (1988) 353
Schub, M., see Snider, F. . . . A268 (1988) 75
Schulze, G.K., see Ziegler, N.F. . . . A268 (1988) 509
Schumacher, B.J., see Proctor, I.D. . . . A268 (1988) 344
Scribano, A., see Bedeschi, F. . . . A268 (1988) 50
Seidel, E., see Michaelsen, R. . . . A268 (1988) 503
Seki, S., T. Ishihara, K. Furuno, Y. Tagishi, S. Ishii, H. Oshima, Y. Tajima and T. Takahashi, Damage to pelletron acceleration tubes . . . A268 (1988) 386
Sekiguchi, M., see Snider, F. . . . A268 (1988) 75
Sellmair, J. and G. Korschinek, The Munich laser ion source . . . A268 (1988) 473
Selvaggi, G., see Bagliesi, G. . . . A268 (1988) 144
Shachar, Y., see Hollos, G. . . . A268 (1988) 456
Shagin, P.M., see IHEP–IISN–LANL–LAPP Collaboration . . . A268 (1988) 112
Shani, G., see Ofek, R. . . . A268 (1988) 229
Sheaff, M., see Byrum, K. . . . A268 (1988) 46
Shimoura, S., see Nakamura, M. . . . A268 (1988) 313
Shipsey, I.P., see Burkhardt, H. . . . A268 (1988) 116

Shtannikov, A.V., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Signorini, C., F. Cervellera, G.P. Bezzon and L. Costa, Upgrading of the XTU tandem A268 (1988) 302
Signorini, C., see Spolaore, P. A268 (1988) 397
Simaitis, V.J., see Ascoli, G. A268 (1988) 33
Simaitis, V.J., see Ascoli, G. A268 (1988) 41
Singovsky, A.V., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Skarha, J., see Byrum, K. A268 (1988) 46
Skorka, S.J., see Machlitt, N. A268 (1988) 434
Smith, D.A., see Ascoli, G. A268 (1988) 33
Smith, D.A., see Ascoli, G. A268 (1988) 41
Snider, F., M. Binkley, J. Huth, R. Kephart, C. Newman-Holmes, S. Palanque, J. Patrick, R. Yarema, G.P. Yeh, T. Zimmerman, M. Schub, F. Abe, K. Kondo, T. Mimashi and M. Sekiguchi, The CDF vertex time projection chamber system A268 (1988) 75
Sokolowski, J.S., see Ben-Zvi, I. A268 (1988) 561
Solin, O., see Lindblom, P. A268 (1988) 204
Solin, O., D. Kronman, P. Lindblom, U. Rosengård and K. Vuorinen, Atomic near-infrared noble gas scintillations II. Application to particle beam intensity measurement A268 (1988) 209
Solin, O., see Lindblom, P. A268 (1988) 212
Southon, J.R., see Proctor, I.D. A268 (1988) 344
Spolaore, P., G. Bisoffi, X.L. Guan, S. Beghini and C. Signorini, High voltage insulation over large gaps in vacuum A268 (1988) 397
Steck, M., see Baumann, P. A268 (1988) 531
Stefanini, A., see Bedeschi, F. A268 (1988) 50
Steffen, P., see Burkhardt, H. A268 (1988) 116
Steffens, E., see Baumann, P. A268 (1988) 531
Steffens, H., see Münzer, H. A268 (1988) 353
Steinberger, J., see Burkhardt, H. A268 (1988) 116
Steinert, L., see Dewald, A. A268 (1988) 356
Stephenson, W., see Burkhardt, H. A268 (1988) 116
Stroot, J.P., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Sugonyaev, V.P., see IHEP–IISN–LANL–LAPP Collaboration A268 (1988) 112
Szabó, Gy., see Kiss, Á.Z. A268 (1988) 382

Tagishi, Y., see Seki, S. A268 (1988) 386
Tajima, Y., see Seki, S. A268 (1988) 386
Takagi, A., see Mori, Y. A268 (1988) 270
Takahashi, T., see Seki, S. A268 (1988) 386
Takimoto, K., see Nakamura, M. A268 (1988) 313
Tau, S., see Fazzini, N. A268 (1988) 330
Taureg, H., see Burkhardt, H. A268 (1988) 116
Teichmann, M., see Arndt, P. A268 (1988) 407
Teichmann, M., see Arndt, P. A268 (1988) 442
Tenchini, R., see Bagliesi, G. A268 (1988) 144
Tersigni, A., see Fazzini, N. A268 (1988) 330
Tersigni, A., see Gonzalez, M. A268 (1988) 469
Thieberger, P., D.S. Barton, J. Benjamin, C. Chasman, H. Foelsche and H.E. Wegner, Tandem injected relativistic heavy ion facility at Brookhaven, present and future A268 (1988) 513
Thompson, M.A., see Byrum, K. A268 (1988) 46
Thouroude, D. and A. Durand, Variations d'émittance d'un faisceau lors de son guidage dans un champ solenoidal A268 (1988) 10
Tinsley, D., see Bedeschi, F. A268 (1988) 50
Traxel, K., Nuclear microprobes and their significance for trace element analysis A268 (1988) 567
Tsang, M.B., see Gong, W.G. A268 (1988) 190
Tsechanski, A., see Ofek, R. A268 (1988) 229
Turner, G.W., see Petrakis, J.P. A268 (1988) 256

Ueno, A., see Mori, Y. A268 (1988) 270
Ullrich, J., H. Schmidt-Böcking and C. Kelbch, Determination of very small projectile scattering angles by measuring recoil-ion transverse velocities A268 (1988) 216

Van den Brand, J.F.J. and A.P. Kaan, A low-mass vacuum exit foil for high energy electrons and hadrons A268 (1988) 186

Van der Lans, J., see Burkhardt, H. . . . A268 (1988) 116
Van der Leun, C., see Vermeer, A. . . . A268 (1988) 506
Van der Vliet, Ph.E.P., see Vermeer, A. . . . A268 (1988) 506
Veenenbos, A.J., see Vermeer, A. . . . A268 (1988) 506
Vermeer, A., C. Van der Leun, A.J. Veenenbos and Ph.E.P. Van der Vliet, An adjustable shorting rod for a 3 MV Van de Graaff generator . . . A268 (1988) 506
Vivitron Group, see Letournel, M. . . . A268 (1988) 295
Vuorinen, K., see Solin, O. . . . A268 (1988) 209

Waast, B., L. Le Bervet, P. Lambert, A. Le Goff and J.M. Maison, Up-grading of Orsay MP-9 . . . A268 (1988) 319
Waast, B., see Decourt, M. . . . A268 (1988) 550
Wachtel, J., see Ben-Zvi, I. . . . A268 (1988) 561
Wagner, R.L., see Bedeschi, F. . . . A268 (1988) 50
Wahl, H., see Burkhardt, H. . . . A268 (1988) 116
Wang Haipeng, see Qin Jiuchang . . . A268 (1988) 316
Wegner, H.E., see Thieberger, P. . . . A268 (1988) 513
Weihs, W., see Burkhardt, H. . . . A268 (1988) 116
Weisser, D.C., Corona gradient distribution system variations and homogenization . . . A268 (1988) 419
Weisser, D.C. and M.D. Malev, Gridded buncher – far field extension using carbon coated teflon sleeves . . . A268 (1988) 488
Werner, M., see Byrum, K. . . . A268 (1988) 46
Westergaard, J., M.C. Olesen, P. Knudsen, N.J.S. Hansen, K.A. Hagemann, B. Elbek and J. Borggreen, Impedance matching and stabilization of rf resonators . . . A268 (1988) 525
Westhusing, T.K., see Ascoli, G. . . . A268 (1988) 33
Westhusing, T.K., see Ascoli, G. . . . A268 (1988) 41
Winch, T., see Byrum, K. . . . A268 (1988) 46
Wolf, F.P., see Riehle, F. . . . A268 (1988) 262
Wucherer, P., see Krauss-Vogt, W. . . . A268 (1988) 5

Xu, H.M., see Gong, W.G. . . . A268 (1988) 190

Yamaya, T., see Satoh, O. . . . A268 (1988) 225
Yang, T.-S., see Devlin, T. . . . A268 (1988) 24
Yang Bingfan, see Qin Jiuchang . . . A268 (1988) 316
Yang Qiru, see Lai Weiquan . . . A268 (1988) 400
Yang Suichun, see Qin Jiuchang . . . A268 (1988) 316
Yang Weimin, see Qin Jiuchang . . . A268 (1988) 316
Yarema, R., see Bedeschi, F. . . . A268 (1988) 50
Yarema, R., see Snider, F. . . . A268 (1988) 75
Yeh, G.P., see Snider, F. . . . A268 (1988) 75
Youngman, C., see Burkhardt, H. . . . A268 (1988) 116
Yu Juexian, see Qin Jiuchang . . . A268 (1988) 316
Yu Yunfeng, see Qin Jiuchang . . . A268 (1988) 316
Yurman, Y., see Hollos, G. . . . A268 (1988) 456

Zech, G., see Burkhardt, H. . . . A268 (1988) 116
Zetti, F., see Bedeschi, F. . . . A268 (1988) 50
Zhang Guilian, see Qin Jiuchang . . . A268 (1988) 316
Zhang Zhongmu, Lai Weiquan and Jiao Souhua, The 6 MV tandem accelerator at Shanghai Institute of Nuclear Research . . . A268 (1988) 337
Zhang Zhongmu, see Lai Weiquan . . . A268 (1988) 400
Zheng Zhanyi, see Qin Jiuchang . . . A268 (1988) 316
Ziegler, K., see Renner, D. . . . A268 (1988) 350
Ziegler, K., see Arndt, P. . . . A268 (1988) 442
Ziegler, N.F., see Jones, C.M. . . . A268 (1988) 308
Ziegler, N.F., see Jones, C.M. . . . A268 (1988) 361
Ziegler, N.F., G.K. Schulze, J.W. Rochelle, W.T. Milner, M.J. Meigs, R.L. McPherson and R.C. Juras, Recent electronic improvements to the Oak Ridge 25URC accelerator . . . A268 (1988) 509
Ziegler, N.F., see Juras, R.C. . . . A268 (1988) 542
Zimmerman, T., see Snider, F. . . . A268 (1988) 75
Zimmerman, T.A., see Proctor, I.D. . . . A268 (1988) 344
Zito, G., see Bagliesi, G. . . . A268 (1988) 144

Nuclear Instruments and Methods in Physics Research A268 (1988) 601–604
North-Holland, Amsterdam

SUBJECT INDEX

Accelerators, Beam Handling and Targets

X-ray spectroscopy using accel–decel at ATLAS, Dunford, R.W., R.C. Pardo, M.L.A. Raphaelian, H.G. Berry and R.D. Deslattes A268 (1988) 1
Emittance and matching of ECR sources, Krauss-Vogt, W., H. Beuscher, H.L. Hagedoorn, J. Reich and P. Wucherer A268 (1988) 5
Variations d'émittance d'un faisceau lors de son guidage dans un champ solenoidal, Thouroude, D. and A. Durand A268 (1988) 10
Molecular plating of cobalt and neodymium on thin aluminium foils, Kayser, J. and M. Scherschel A268 (1988) 19
Radiation trapping in an optically pumped thick sodium target (*Letter to the Editor*), Mori, Y., A. Takagi, K. Ikegami, S. Fukumoto, A. Ueno, C.D.P. Levy and P.W. Schmor A268 (1988) 270
A new form of accelerator for charged particles (*Letter to the Editor*), Daniel, H. A268 (1988) 273

Proceedings of the 7th Tandem Conference (Berlin, Germany, April 6–10, 1987)

Section I. Status reports and new projects

The ESTU accelerator at Yale, Hyder, H.R.McK., J. Baris, C.E.L. Gingell, J. McKay, P.D. Parker and D.A. Bromley A268 (1988) 285
Present status of the construction of the Strasbourg 35 MV Vivitron tandem, Letournel, M. and the Vivitron Group A268 (1988) 295
Upgrading of the XTU tandem, Signorini, C., F. Cervellera, G.P. Bezzon and L. Costa A268 (1988) 302
The Holifield Heavy Ion Research Facility, Jones, C.M., G.D. Alton, J.B. Ball, J.A. Biggerstaff, D.T. Dowling, K.A. Erb, D.L. Haynes, D.E. Hoglund, E.D. Hudson, R.C. Juras, S.N. Lane, C.A. Ludemann, J.A. Martin, M.J. Meigs, S.W. Mosko, D.K. Olsen and N.F. Ziegler A268 (1988) 308
The Kyoto University tandem upgrading project, Nakamura, M., S. Shimoura, K. Takimoto, H. Sakaguchi and S. Kobayashi A268 (1988) 313
Testing and commissioning of the HI-13 tandem accelerator, Qin Jiuchang, Yu Juexian, Yang Suichun, Du Xueren, Liu Zhengying, Wang Haipeng, Chen Wenkui, Hu Yaoming, Zhang Guilian, Yang Bingfan, Yu Yunfeng, Guan Xialing, Ning Shulan, Yang Weimin, Ge Jiyun, Bi Decai and Zheng Zhanyi A268 (1988) 316
Up-grading of Orsay MP-9, Waast, B., L. Le Bervet, P. Lambert, A. Le Goff and J.M. Maison A268 (1988) 319
A review of the first four years of operation of the Nuclear Structure Facility tandem at Daresbury Laboratory, Aitken, T.W., T. Joy and H.G. Price A268 (1988) 324
Status report of the Buenos Aires Tandar Facility, Fazzini, N., H. Gonzalez, S. Tau and A. Tersigni A268 (1988) 330
15 UD Pelletron of the Nuclear Science Centre – status report, Mehta, G.K. and A.P. Patro A268 (1988) 334
The 6 MV tandem accelerator at Shanghai Institute of Nuclear Research, Zhang Zhongmu, Lai Weiquan and Jiao Souhua A268 (1988) 337
LLNL multi-user tandem laboratory, Proctor, I.D., J.C. Davis, M.R. Eaton, J.L. Garibaldi, T.L. Moore, B.J. Schumacher, J.R. Southon and T.A. Zimmerman A268 (1988) 344
Status of the 8 UD tandem-injector for VICKSI, Renner, D., P. Arndt, W. Busse, B. Martin, R. Michaelsen, W. Pelzer and K. Ziegler A268 (1988) 350
Major maintenance of the Munich MP-tandem, Münzer, H., W. Carli, P. Hartung, H. Jakob, H. Nocker, L. Rohrer, H. Schnitter, W. Assmann, H.J. Maier, N. Machlitt and H. Steffens A268 (1988) 353
Reconditioning of the Cologne tandem after a fire at the ion source, Dewald, A. and L. Steinert A268 (1988) 356

Section II. Tubes and related problems

Tests of compressed geometry acceleration tubes in the Oak Ridge 25URC tandem accelerator, Jones, C.M., K.A. Erb, D.L. Haynes, J.T. Mitchell, N.F. Ziegler, J.E. Raatz and R.D. Rathmell A268 (1988) 361
A novel accelerator tube with active protection, Broadhurst, J.H. A268 (1988) 368
Beam trajectories through the upgraded XTU tandem, Guan Xia-Ling A268 (1988) 376

0168-9002/88/$03.50 © Elsevier Science Publishers B.V.
(North-Holland Physics Publishing Division)

On the performance of a straight acceleration tube with axial gradient modulation, Kiss, Á.Z., E. Koltay, I. Papp, Gy. Szabó, J. Félszerfalvi and I. Nyilas A268 (1988) 382
Damage to pelletron acceleration tubes, Seki, S., T. Ishihara, K. Furuno, Y. Tagishi, S. Ishii, H. Oshima, Y. Tajima and T. Takahashi A268 (1988) 386
Vacuum breakdown, Jüttner, B. A268 (1988) 390
High voltage insulation over large gaps in vacuum, Spolaore, P., G. Bisoffi, X.L. Guan, S. Beghini and C. Signorini A268 (1988) 397

Section III. Charging systems, insulating gas and related electrostatic accelerator technology

Improvement in the voltage behaviour of monocast nylon insulators for a laddertron or pelletron, Lai Weiquan, Yang Qiru and Zhang Zhongmu A268 (1988) 400
Experiences with a Poly-C belt, Kostka, P., E. Klopfer, G. Bürger and J. Roosz A268 (1988) 403
Operational experience with a new type of belt, Arndt, P., D. Draht and M. Teichmann A268 (1988) 407
An improved charge transport system for the pelletron accelerator in Lund, Hellborg, R. and K. Håkansson . . . A268 (1988) 408
Belt charging system for the 35 MV Vivitron accelerator, Helleboid, J.-M. A268 (1988) 414
Corona gradient distribution system variations and homogenization, Weisser, D.C. A268 (1988) 419
A laddertron modulation system to correct a repetitive charging pattern, Aitken, T.W. A268 (1988) 422
Insulating gases, Christophorou, L.G. A268 (1988) 424
Measurement of breakdown characteristics of SF_6 insulated spark gaps at fast rising overvoltages, Machlitt, N., W. Assmann and S.J. Skorka A268 (1988) 434
The gas handling system for the Dynamitron tandem at Bochum, Brand, K. A268 (1988) 437
First experience with a capacitative regulation system for a 6 MV Van de Graaff accelerator, Arndt, P., R. Michaelsen, M. Teichmann, K. Ziegler and H. Heinze A268 (1988) 442

Section IV. Ion sources, bunching, stripping, diagnostics and related instrumentation

The emittances and brightnesses of high-intensity negative ion sources, Alton, G.D. and J.W. McConnell A268 (1988) 445
A new injector for the Rehovot Pelletron, Hollos, G., R. Kaim, Y. Shachar and Y. Yurman A268 (1988) 456
JAERI negative ion injectors, Minehara, E. and S. Hanashima A268 (1988) 461
The injector for the 35 MV tandem accelerator Vivitron of Strasbourg, Haas, F., G. Heng, J. Hoffman, Ch. Muller and R. Rebmeister A268 (1988) 465
Tandar injector system and ion sources, Gonzalez, M., O. Professi and A. Tersigni A268 (1988) 469
Improved charge exchange canal for negative helium ions, Berger, S. and F. Dworschak A268 (1988) 470
The Munich laser ion source, Sellmair, J. and G. Korschinek A268 (1988) 473
A gas-jet coupled ISOL system at VECC, Bhattacharya, N.C., S.K. Basu, R.K. Bhowmik, A. Chakrabarti and S.K. Saha A268 (1988) 478
Performance of the buncher and chopper at the Daresbury Laboratory, Aitken, T.W. and T.R. Charlesworth . . . A268 (1988) 482
Gridded buncher – far field extension using carbon coated teflon sleeves, Weisser, D.C. and M.D. Malev A268 (1988) 488
A convenient way to double the capacity of the NEC type foil stripper, Chapman, K.R. A268 (1988) 490
Charge state selection procedure at VICKSI, Martin, B., R. Michaelsen and W. Pelzer A268 (1988) 494
Beam diagnostic elements at the Laboratorio Nazionale del Sud, Calabretta, L., G. Cuttone, D. Giove and G. Raia A268 (1988) 496
Modification of the VICKSI beam profile monitor system for application at low intensities, Michaelsen, R. and E. Seidel A268 (1988) 503
An adjustable shorting rod for a 3 MV Van de Graaff generator, Vermeer, A., C. Van der Leun, A.J. Veenenbos and Ph.E.P. Van der Vliet A268 (1988) 506
Recent electronic improvements o the Oak Ridge 25URC accelerator, Ziegler, N.F., G.K. Schulze, J.W. Rochelle, W.T. Milner, M.J. Meigs, R.L. McPherson and R.C. Juras A268 (1988) 509

Section V. Boosters, control systems and applications

Tandem injected relativistic heavy ion facility at Brookhaven, present and future, Thieberger, P., D.S. Barton, J. Benjamin, C. Chasman, H. Foelsche and H.E. Wegner A268 (1988) 513
Proposed addition of superconducting linac modules to the Daresbury tandem , Price, H.G., T.W. Aitken, J. Alexander, T.R Charlesworth, T. Joy, J. O'Gara, E.C.G. Owen, G. Doucas, H.R. McK.Hyder, B. Knox and M. Marsh A268 (1988) 522
Impedance matching and stabilization of rf resonators , Westergaard, J., M.C. Olesen, P. Knudsen, N.J.S. Hansen, K.A. Hagemann, B. Elbek and J. Borggreen A268 (1988) 525
The Heidelberg heavy ion test storage ring TSR, Baumann, P., M. Blum, A. Friedrich, C. Geyer, M. Grieser, B. Holzer, E. Jaeschke, D. Krämer, C. Martin, K. Matl, R. Mayer, W. Ott, B. Povh, R. Repnow, M. Steck, E. Steffens and W. Arnold A268 (1988) 531
Construction and operating experience with the Tokyo Institute of Technology post accelerators , Satoh, K., T. Mitsumoto and E. Arai A268 (1988) 538

Evolution and development of the Oak Ridge 25URC tandem accelerator control system , Juras, R.C., N.F. Ziegler, M.J. Meigs, R.L. McPherson, D.E. Hoglund and J.A. Biggerstaff A268 (1988) 542
Control system for the JAERI tandem accelerator, Hanashima, S. and E. Minehara A268 (1988) 549
Microprocessor-based monitoring system for the Orsay MP-9 injector, Decourt, M., J.M. Curaudeau and B. Waast A268 (1988) 550
Present and future prospects of accelerator mass spectrometry, Kutschera, W. A268 (1988) 552
Design of a tandem accelerator free electron laser, Ben-Zvi, I., A. Gover, E. Jerby, J.S. Sokolowski and J. Wachtel A268 (1988) 561
Nuclear microprobes and their significance for trace element analysis , Traxel, K. A268 (1988) 567
Application of high energy implantation in semiconductors, Fahrner, W.R., J.R. Laschinski and D. Bräunig . . . A268 (1988) 579

Instruments and Methods for High Energy Physics

Phototube testing for CDF, Devlin, T., J. Cruz, U. Joshi, K. Kazlauskis, C. Muehleisen, T.-S. Yang, J.E. Elias, H. Jensen and L. Nodulman A268 (1988) 24
CDF central muon detector, Ascoli, G., L.E. Holloway, I. Karliner, U.E. Kruse, R.D. Sard, V.J. Simaitis, D.A. Smith and T.K. Westhusing A268 (1988) 33
A leveling system for the CDF central muon chambers, Ascoli, G., L.E. Holloway, I. Karliner, U.E. Kruse, R.D. Sard, V.J. Simaitis, D.A. Smith and T.K. Westhusing A268 (1988) 41
The CDF forward muon system, Byrum, K., D. Carlsmith, D. Cline, R. Handler, A. Jaske, L. Markosky, G. Ott, L. Pondrom, J. Rhoades, M. Sheaff, J. Skarha, M.A. Thompson, M. Werner and T. Winch A268 (1988) 46
Design and construction of the CDF central tracking chamber, Bedeschi, F., J.P. Berge, J. Bofill, M. Dell'Orso, G.W. Foster, M. Hrycyk, R.W. Kadel, J. Kowalski, A. Mukherjee, C. Newman-Holmes, J. O'Meara, J. Patrick, D. Tinsley, R.L. Wagner, R. Yarema, A. Byon, A. Menzione, A. Scribano, A. Stefanini andF. Zetti . A268 (1988) 50
The CDF vertex time projection chamber system, Snider, F., M. Binkley, J. Huth, R. Kephart, C. Newman-Holmes, S. Palanque, J. Patrick, R. Yarema, G.P. Yeh, T. Zimmerman, M. Schub, F. Abe, K. Kondo, T. Mimashi and M. Sekiguchi A268 (1988) 75
The design and construction of the CDF central drift tube array, Bhadra, S., S. Errede, L. Fishback, H. Keutelian and P. Schlabach A268 (1988) 92
Test of an iron/streamer tube calorimeter with electrons and pions of energy between 1 and 100 GeV, Baumgart, R., C. Grupen, H.-J. Meyer and U. Schäfer A268 (1988) 105
Measurement of the resolution of a combined hodoscope calorimeter at 18 GeV and 38 GeV, IHEP–IISN–LANL–LAPP Collaboration, D. Alde, F.G. Binon, C. Bricman, V.S. Datsko, S.V. Donskov, M. Gouanere, A.V. Inyakin, V.A. Kachanov, D.B. Kakauridze, G.V. Khaustov, E.A. Knapp, A.V. Kulik, J.P. Lagnaux, V.G. Lapshin, A.A. Lednev, J.P. Peigneux, Yu.D. Prokoshkin, Yu.V. Rodnov, V.I. Rykalin, S.A. Sadovsky, V.D. Samoylenko, P.M. Shagin, A.V. Shtannikov, A.V. Singovsky, J.P. Stroot and V.P. Sugonyaev A268 (1988) 112
The beam and detector for a high-precision measurement of CP violation in neutral-kaon decays, Burkhardt, H., P. Clarke, D. Cundy, N. Doble, L. Gatignon, R. Hagelberg, G. Kesseler, J. Van der Lans, I. Mannelli, T. Miczaika, H.G. Sander, A.C. Schaffer, P. Steffen, J. Steinberger, H. Taureg, H. Wahl, C. Youngman, G. Dietrich, F. Eisele,W. Heinen, R. Black, D.J. Candlin, J. Muir, K.J. Peach, B. Pijlgroms, I.P. Shipsey, W. Stephenson, H. Blümer, M. Kasemann, K. Kleinknecht, B. Panzer, B. Renk, E. Auge, R.L. Chase, M. Corti, D. Fournier, P. Heusse, A.M. Lutz, A. Bigi, M. Calvetti, R. Carosi, R. Casali, C. Cerri, R. Fantechi, S. Galeotti, E. Massa, A. Nappi, D. Passuello, G. Pierazzini, C. Becker, D. Heyland, M. Holder, G. Quast, M. Rost, W. Weihs and G. Zech A268 (1988) 116
Operation of limited streamer tubes with the gas mixture $Ar + CO_2 +$ n-pentane , Bagliesi, G., R. Baldini-Celio, G. Batignani, G. Bencivenni, G.G. Bologna, F. Bossi, U. Bottigli, C. Bradaschia, P. Campana, G. Capon, M.G. Catanesi, V. Chiarella, G. De Ninno, M. De Palma, B. D'Ettorre Piazzoli, M. Dreucci, G. Felici, L. Foà, A. Giassi, G. Iaselli, P. Laurelli, G. Maggi, G. Mannocchi, G.P. Murtas, G. Nicoletti, S. Nuzzo, P. Picchi, A. Ranieri, G. Raso, H. Rigoni, F. Romano, F. Ruggieri, S. Scapellato, G. Selvaggi, R. Tenchini and G. Zito A268 (1988) 144
Magnetic field influence on the self-quenching streamer discharge, Alekseev, G.D. and A.V. Korytov A268 (1988) 151
A new scintillation material: pure CsI with 10 ns decay time (*Letter to the Editor*), Kubota, S., S. Sakuragi, S. Hashimoto and J.-Z. Ruan (Gen) A268 (1988) 275

Instruments and Methods for Nuclear Spectroscopy

Magnetic moments of low-energy neutron resonances in ^{161}Dy, Delheij, P.P.J. and G.L. Morgan A268 (1988) 155
Aberration-free diffraction-grating neutron interferometer, Ioffe, A.I. A268 (1988) 169
Charged and neutral particle spectrometer for nuclear pion and photon absorption investigations, Papandreou, Z., G.J. Lolos, G.M. Huber and X. Aslanoglou A268 (1988) 179

A low-mass vacuum exit foil for high energy electrons and hadrons, Van den Brand, J.F.J. and A.P. Kaan A268 (1988) 186
Resolution tests of CsI(Tl) scintillators read out by pin diodes, Gong, W.G., Y.D. Kim, G. Poggi, Z. Chen, C.K. Gelbke, W.G. Lynch, M.R. Maier, T. Murakami, M.B. Tsang, H.M. Xu and K. Kwiatkowski A268 (1988) 190
Determination of the light response of BC-404 plastic scintillator for protons and deuterons with energies between 1 and 11 MeV, Saraf, S.K., C.E. Brient, P.M. Egun, S.M. Grimes, V. Mishra and R.S. Pedroni A268 (1988) 200
Atomic near-infrared noble gas scintillations I. Optical spectra, Lindblom, P. and O. Solin A268 (1988) 204
Atomic near-infrared noble gas scintillations II. Application to particle beam intensity measurement, Solin, O., D. Kronman, P. Lindblom, U. Rosengård and K. Vuorinen A268 (1988) 209
Atomic near-infrared noble gas scintillations III. Detection of alpha particles, Lindblom, P. and O. Solin A268 (1988) 212
Determination of very small projectile scattering angles by measuring recoil-ion transverse velocities, Ullrich, J., H. Schmidt-Böcking and C. Kelbch A268 (1988) 216

Computer Automated Measurement and Control

A multi-data acquisition controller for position sensitive detectors, Satoh, O., T. Yamaya, K. Kotajima and K. Hasegawa A268 (1988) 225

Numerical and Data Analysis

Efficiency of Billoir's track fitting method for the OPAL central detector (*Letter to the Editor*), Savard, D., B. Lorazo and H. Jérémie A268 (1988) 278
Microscopic Monte Carlo, an alternative method for calculating multiple Coulomb scattering (*Letter to the Editor*), Jérémie, H. and B. Lorazo A268 (1988) 281

Fusion

Normalization of a collimated 14.7 MeV neutron source in a neutron spectrometry system for benchmark experiments, Ofek, R., A. Tsechanski and G. Shani A268 (1988) 229

Fission and Nuclear Reactors

Calculations of gamma ray incineration of ^{90}Sr and ^{137}Cs, Matsumoto, T. A268 (1988) 234

Dosimetry, Space Radiation and Medical Applications

A background rejection efficiency calculation for a proposed gaseous xenon TPC in a double beta decay experiment, Lee, D.H. A268 (1988) 244
A spectrophotometer for measuring liquid attenuation lengths at wavelengths between 400 and 600 nm, Petrakis, J.P., C.R. Bower, M.W. Gebhard, R.M. Heinz, S.L. Mufson, J.M. Reynoldson and G.W. Turner A268 (1988) 256

Synchrotron Radiation Research

Determination of electron currents below 1 nA in the storage ring BESSY by measurement of the synchrotron radiation of single electrons, Riehle, F., S. Bernstorff, R. Fröhling and F.P. Wolf A268 (1988) 262

Letters to the Editor

Radiation trapping in an optically pumped thick sodium target, Mori, Y., A. Takagi, K. Ikegami, S. Fukumoto, A. Ueno, C.D.P. Levy and P.W. Schmor A268 (1988) 270
A new form of accelerator for charged particles, Daniel, H. A268 (1988) 273
A new scintillation material: pure CsI with 10 ns decay time, Kubota, S., S. Sakuragi, S. Hashimoto and J.-Z. Ruan (Gen) A268 (1988) 275
Efficiency of Billoir's track fitting method for the OPAL central detector, Savard, D., B. Lorazo and H. Jérémie A268 (1988) 278
Microscopic Monte Carlo, an alternative method for calculating multiple Coulomb scattering, Jérémie, H. and B. Lorazo A268 (1988) 281